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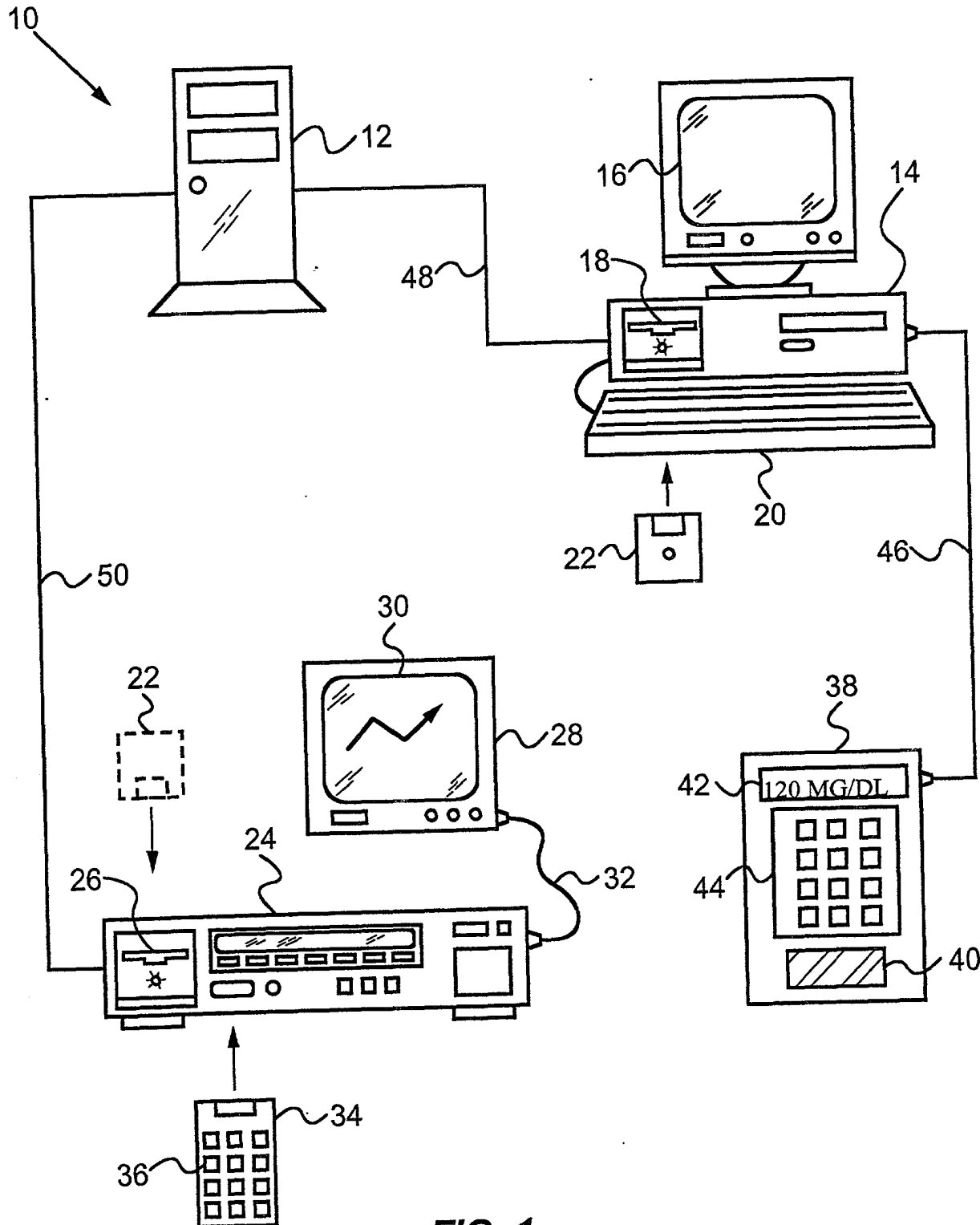


FIG. 1

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**PHYSIOLOGICAL PARAMETERS ENTRY SCREEN**

BODY MASS (KG):  43

METABOLISM RATE:   45

FITNESS LEVEL:

INSULIN SENSITIVITIES:  47

HEPATIC (SH)

PERIPHERAL (SP)

FIG. 2

52

**SELF-CARE PARAMETERS ENTRY SCREEN**

FOOD EXCHANGES:	BREAKFAST	LUNCH	DINNER
TIME (HH:MM)	<input type="text" value="08:00"/>	<input type="text" value="12:00"/>	<input type="text" value="18:00"/> 51
CARBOHYDRATE (G)	<input type="text" value="40"/>	<input type="text" value="40"/>	<input type="text" value="30"/> 53

INSULIN INJECTIONS:	DOSE 1	DOSE 2	DOSE 3
TIME (HH:MM)	<input type="text" value="08:00"/>	<input type="text" value="12:00"/>	<input type="text" value="18:00"/>
DOSE (UNITS)	<input type="text" value="15"/>	<input type="text" value="10"/>	<input type="text" value="12"/>

EXERCISE:	SESSION 1	SESSION 2	SESSION 3
TIME (HH:MM)	<input type="text" value="15:00"/>	<input type="text"/>	<input type="text"/>
DURATION (15 MIN. UNITS)	<input type="text" value="2"/>	<input type="text"/>	<input type="text"/>

55   57

FIG. 3

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56

t	R(t)	X(t)	$S_1(t) - O_1(t)$	$S_2(t) - O_2(t)$	$S_3(t) - O_3(t)$	$K_1$	$K_2$	$K_3$
8:00	80	80	0	0	0	4	-40	-5
10:00	160	160	0	0	0	4	-40	-5
12:00	100	100	0	0	0	4	-40	-5
15:00	140	140	0	0	0	4	-40	-5
18:00	100	100	0	0	0	4	-40	-5
20:00	180	180	0	0	0	4	-40	-5
22:00	120	120	0	0	0	4	-40	-5

FIG. 4

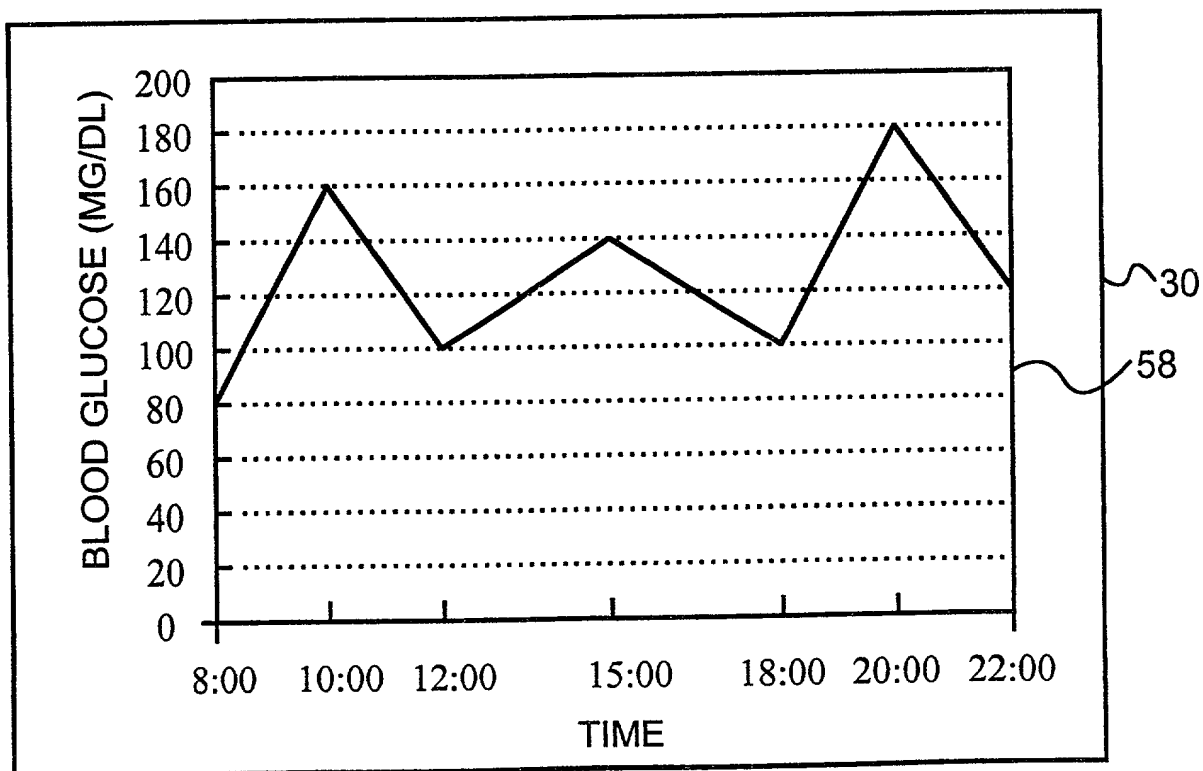


FIG. 5

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t	R(t)	X(t)	$S_1(t) - O_1(t)$	$S_2(t) - O_2(t)$	$S_3(t) - O_3(t)$	$K_1$	$K_2$	$K_3$
8:00	80	80	10	0	0	4	-40	-5
10:00	160	200	0	0	0	4	-40	-5
12:00	100	140	0	0	0	4	-40	-5
15:00	140	180	0	0	4	4	-40	-5
18:00	100	120	0	0	0	4	-40	-5
20:00	180	200	0	0	0	4	-40	-5
22:00	120	140	0	0	0	4	-40	-5

FIG. 6

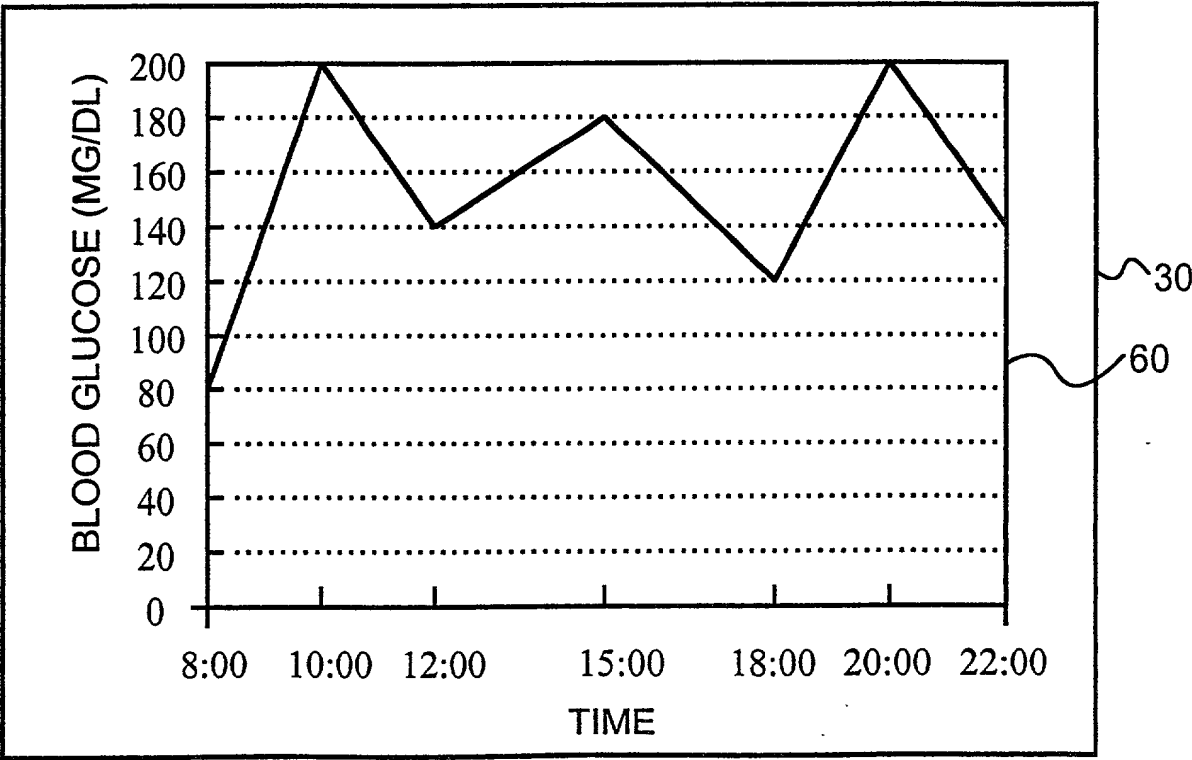


FIG. 7

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61  
 S

t	R(t)	X(t)	$S_1(t) - O_1(t)$	$S_2(t) - O_2(t)$	$S_3(t) - O_3(t)$	$K_1$	$K_2$	$K_3$
8:00	80	80	10	0	0	4	-40	-5
10:00	160	200	0	1	0	4	-40	-5
12:00	100	100	0	0	0	4	-40	-5
15:00	140	140	0	0	4	4	-40	-5
18:00	100	80	5	0	0	4	-40	-5
20:00	180	180	0	0	0	4	-40	-5
22:00	120	120	0	0	0	4	-40	-5

FIG. 8

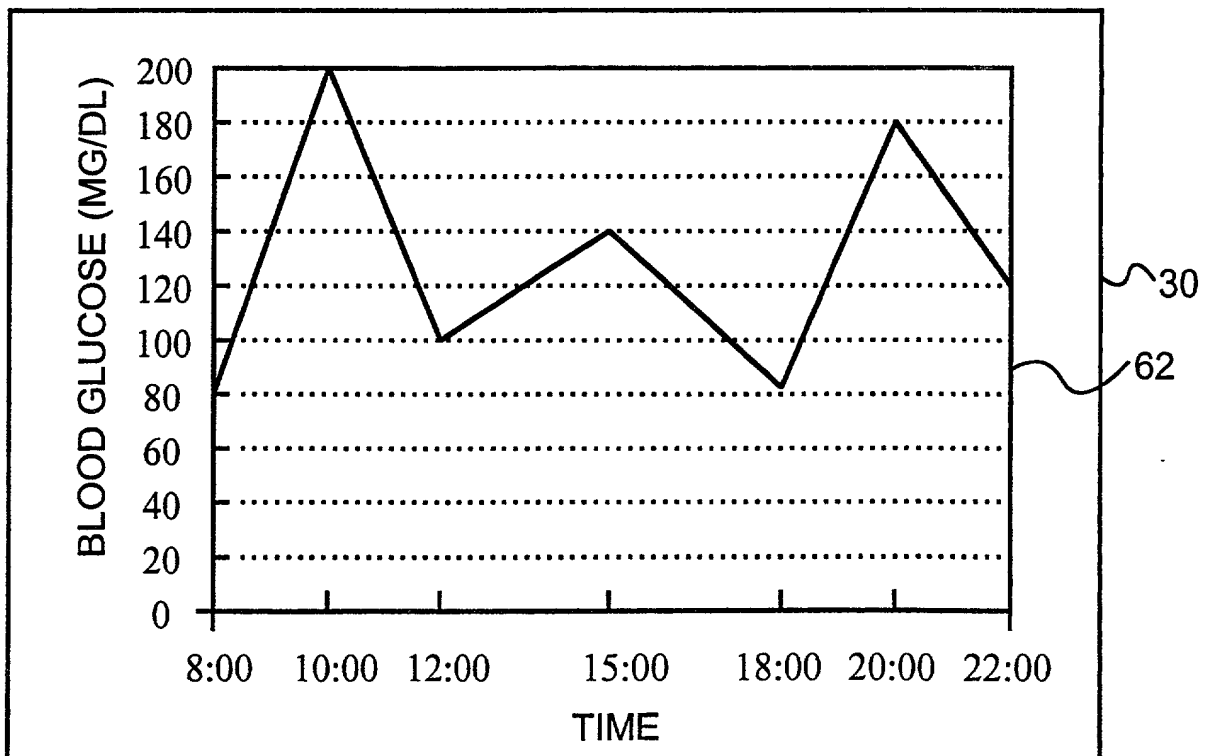


FIG. 9

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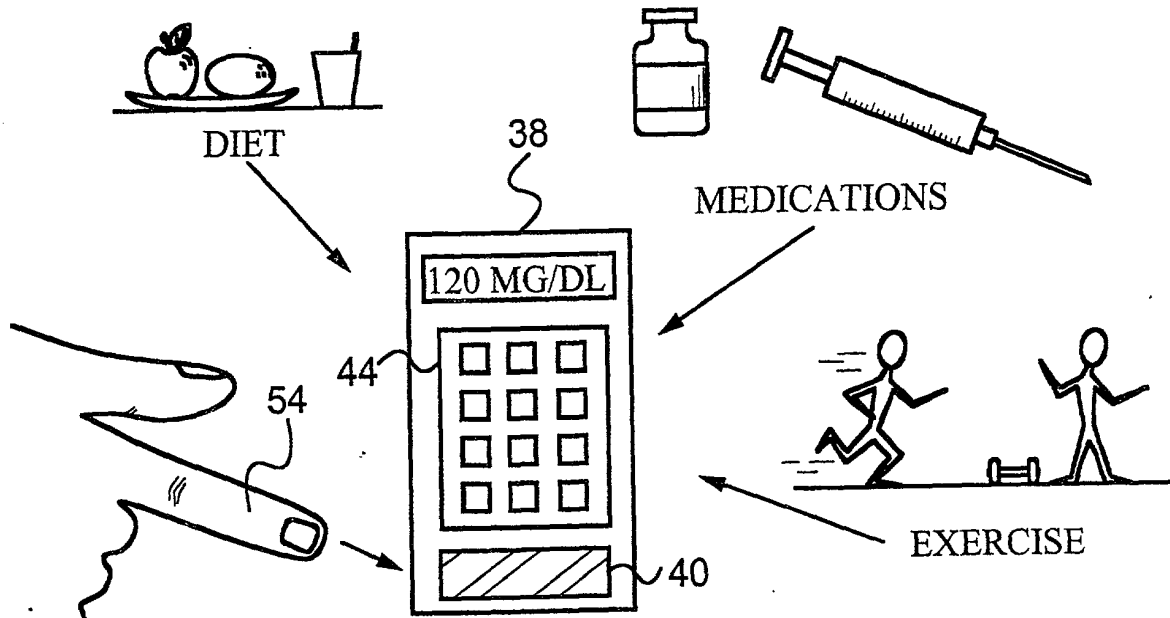


FIG. 10

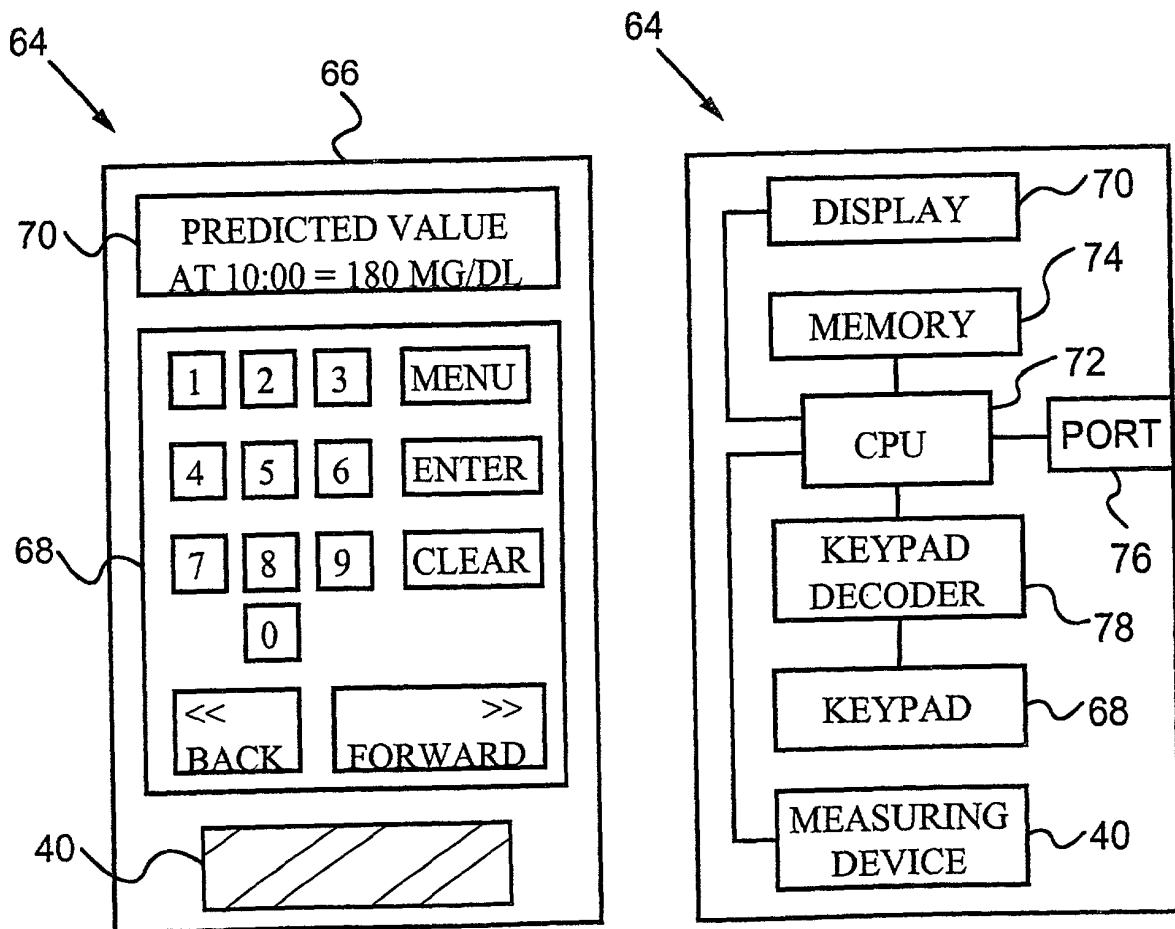
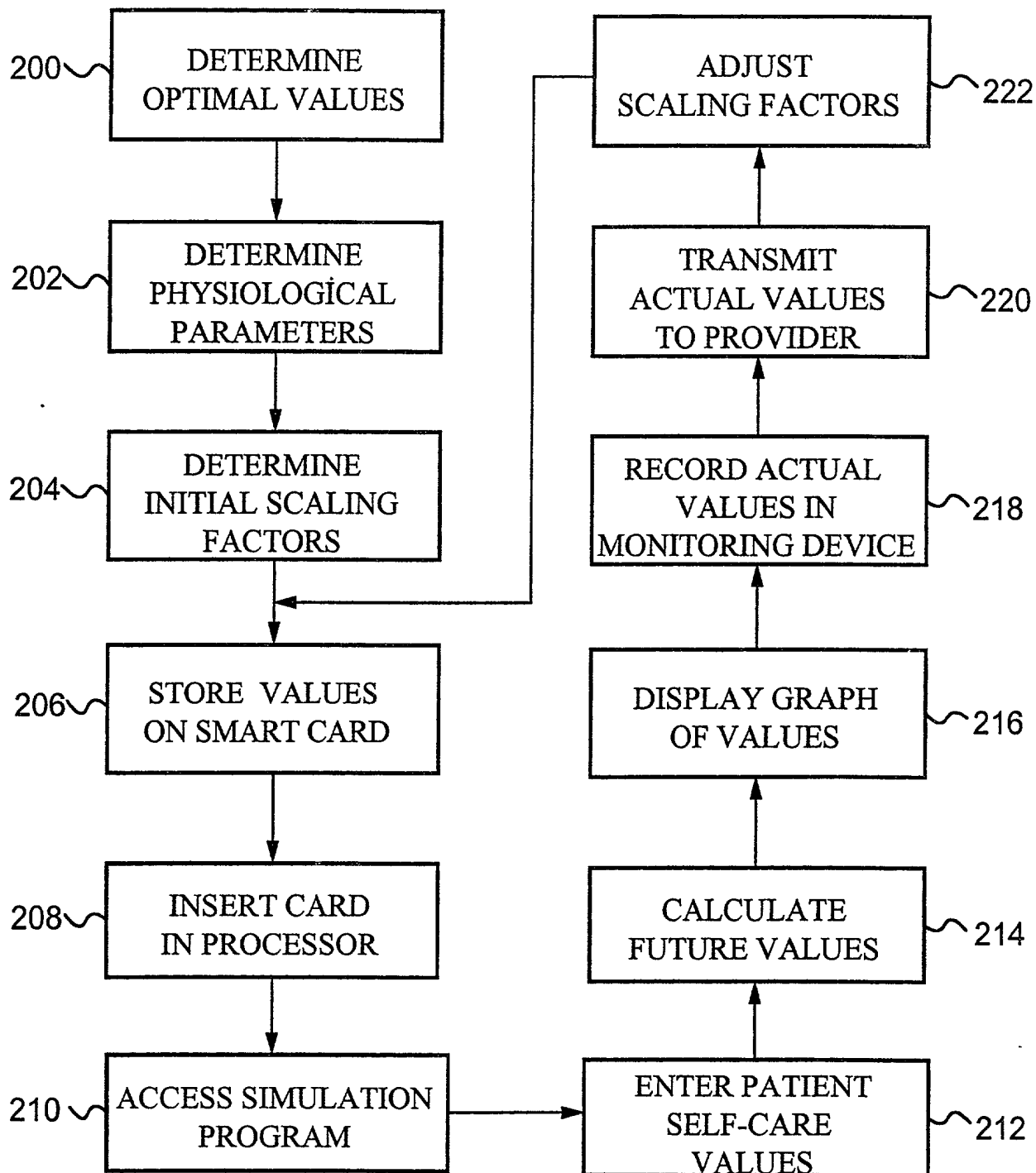


FIG. 11

FIG. 12

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**FIG. 13**

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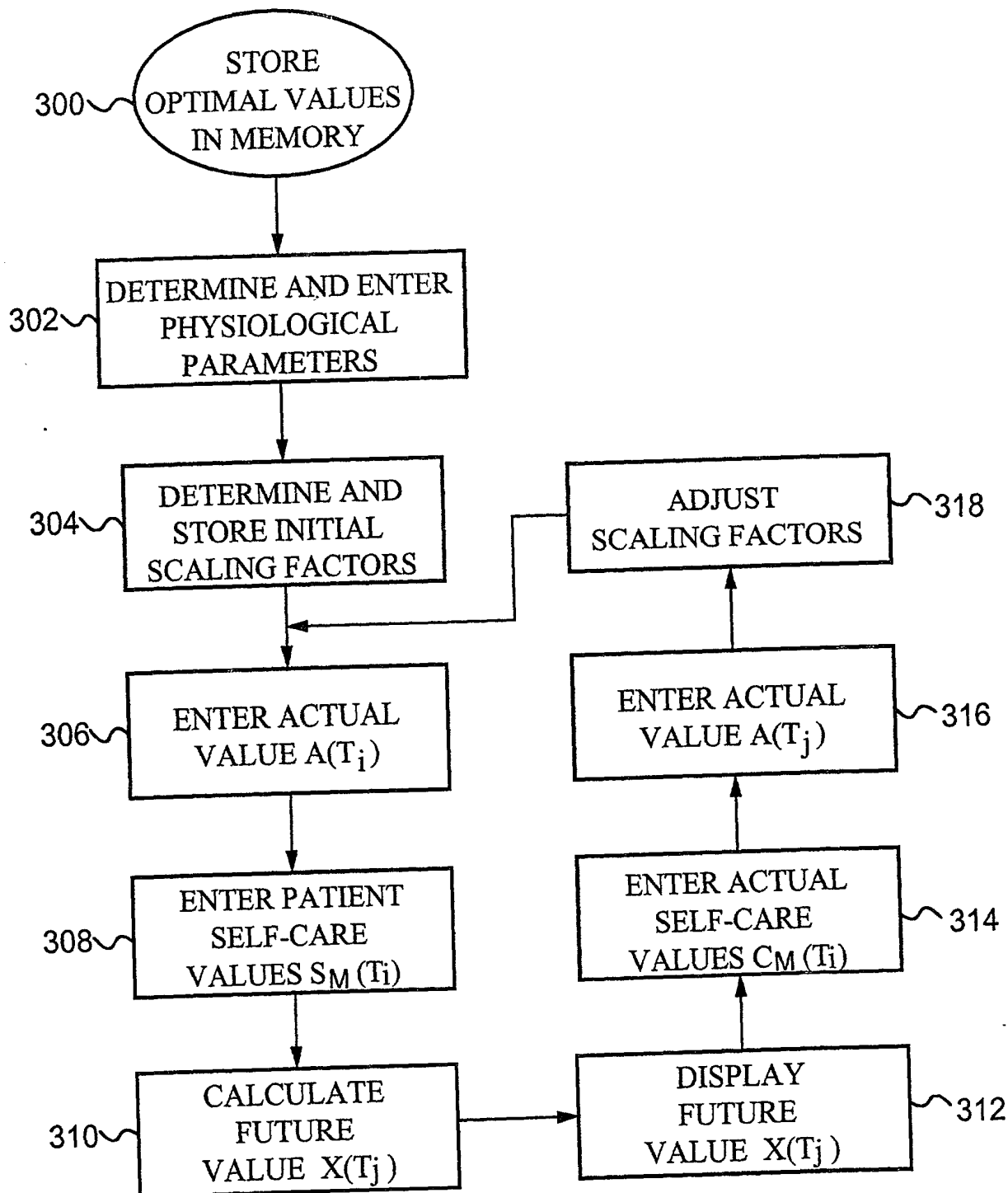


FIG. 14